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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE LIST (Use several sheets if necessary)	ATT. DOCKET NO.	SERIAL NO.
	11137/04808	09/926,571
	APPLICANT	
	RICHARD A. DIXON, ET AL	
	FILING DATE	GROUP
	May 15, 2000	1632

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RK	AA	4	7	0	4	4	0	0		11/3/87	Miller, et al	514	454	
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RK	AL	WO	93	2	3	0	6	9		11/25/93	PCT	A61K	37/24		
RK	AM	WO	00	3	7	6	5	6		6/29/00	PCT	C12N	15/54		
	AN														
	AO														
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(Including Author, Title, Date, Pertinent Pages, Etc.).

RK	AR		Adlercreutz, et al. 1991. "Urinary excretion of lignans and isoflavonoid phytoestrogens in Japanese men and women consuming a traditional Japanese diet," <i>Am J Clin Nutr</i> 54: 1093-1100
RK	AS		Adlercreutz, H. and W. Mazur. 1997. "Phyto-estrogens and western diseases," <i>Ann Med</i> 29: 95-120
RK	AT		An, G. 1986. "Development of plant promoter expression vectors and their use for analysis of differential activity of nopaline synthase promoter in transformed tobacco cells," <i>Plant Physiol</i> 81: 86-91

EXAMINER

Russell Kallis

DATE CONSIDERED

1/20/2004

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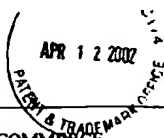
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(Including Author, Title, Date, Pertinent Pages, Etc.).

RK	BR	Angell, S.M. and D.C. Baulcombe. 1997. "Consistent gene silencing in transgenic plants expressing a replicating potato virus X RNA," <i>EMBO J</i> 16: 3675-3684
RK	BS	Barnes, et al. 1990. "Soybeans inhibit mammary tumors in models of breast cancer." In M.W. Pariza, eds, <i>Mutagens and Carcinogens in the Diet</i> , Wiley-Liss, Inc, New York, pp 239-253
RK	BT	Batard, et al. 1998. "Molecular cloning and functional expression in yeast of CYP76B1, a xenobiotic-inducible 7-ethoxycoumarin O-de-ethylase from <i>Helianthus tuberosus</i> ," <i>Plant J</i> 14: 111-120

EXAMINER	<i>Russell Kally</i>	DATE CONSIDERED	<i>1/20/2004</i>
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(Including Author, Title, Date, Pertinent Pages, Etc.).

RK	CR	Bhattacharyya, M.K. and E.W. Ward. 1987. "Biosynthesis and metabolism of glyceollin I in soybean hypocotyls following wounding or inoculation with <i>Phytophthora megasperma</i> f. sp. <i>Glycinea</i> ," <i>Physiol Mol Plant Pathol</i>
		31:387-405
RK	CS	Bourque, J. E. 1995. "Antisense strategies for genetic manipulations in plants," <i>Plant Sci</i> 105: 125-149
RK	CT	Bugos, et al. 1991. "cDNA cloning, sequence analysis and seasonal expression of lignin-bispecific
		caffeic acid/5-hydroxyferulic acid O-methyltransferase of aspen," <i>Plant Mol Biol</i> 17: 1203-1215

EXAMINER

Russell Kalbi

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(Including Author, Title, Date, Pertinent Pages, Etc.).

RK	DR	-	Dalkin, et al. 1990. "Stress responses in alfalfa (<i>Medicago sativa</i> L.) I. Elicitor-induction of phenylpropanoid biosynthesis and hydrolytic enzymes in cell suspension cultures," <i>Plant Physiol</i> 92: 440-446
RK	DS	-	Dewick, P.M. and M. Martin. 1979. "Biosynthesis of pterocarpan, isoflavan and coumestan metabolites of <i>Medicago sativa</i> : chalcone, isoflavone and isoflavanone precursors," <i>Phytochemistry</i> 18: 597-602
RK	DT	-	Dewick, P.M. and Martin, M. 1979. "Biosynthesis of pterocarpan and isoflavan phytoalexins in <i>Medicago sativa</i> : the biochemical interconversion of pterocarpan and 2'-hydroxyisoflavans," <i>Phytochemistry</i> 18: 591-596

EXAMINER

Russell Kelly

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RK	ER			Dixon, et al. 1999. "Molecular controls for isoflavonoid biosynthesis in relation to plant and human health," <i>Recent Advances in Phytochemistry</i> 33: 133-160			
RK	ES			Dixon, R.A. 1999. "Isoflavonoids: biochemistry, molecular biology and biological functions." <i>In</i> U. Sankawa, eds, <i>Comprehensive Natural Products Chemistry</i> , Elsevier, pp 773-823			
RK	ET			Dixon, et al. 1998. "Prospects for the metabolic engineering of bioactive flavonoids and related phenylpropanoid compounds," <i>Adv Exp Med and Biolog</i> 439:55-66			
EXAMINER		Russell Kallay		DATE CONSIDERED		1/20/2004	
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RK	FR	-	Dixon, R.A. and N.L. Paiva. 1995. "Stress-induced phenylpropanoid metabolism," <i>Plant Cell</i> 7: 1085-1097				
RK	FS	-	Dixon, R.A., and M.J. Harrison. 1990. "Activation, structure and organization of genes involved in microbial defense in plants," <i>Adv Genet</i> 28: 165-234				
RK	FT	-	Edwards, et al. 1991. "A simple and rapid method for the preparation of plant genomic DNA for PCR analysis," <i>Nucleic Acids Res</i> 19: 1349				
EXAMINER		Russell Kapp		DATE CONSIDERED		1/20/2004	
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(Including Author, Title, Date, Pertinent Pages, Etc.).										
RK	GR						Frick, S., Kutchan, T.M. 1999. "Molecular cloning and functional expression of O-methyltransferases common to isoquinoline alkaloid and phenylpropanoid biosynthesis," <i>Plant J</i> 17: 329-339			
RK	GS						Gauthier, et al. 1996. "cDNA cloning and characterization of a 3'/5'-O-methyltransferase for partially methylated flavonols from <i>Chrysosplenium americanum</i> ," <i>Plant Mol Biol</i> 32: 1163-1169			
RK	GT						Gauthier, et al. 1998. "Characterization of two cDNA clones which encode O-methyltransferases for the methylation of both flavonoid and phenylpropanoid compounds," <i>Arch Biochem Biophys</i> 351: 243-249			
EXAMINER <u>Russell K. Kelly</u> DATE CONSIDERED <u>1/20/2004</u>										
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(Including Author, Title, Date, Pertinent Pages, Etc.).			
RK	HR	-	Hadwiger, L.A. and D.M. Webster. 1984. "Phytoalexin production in five cultivars of pea differentially resistant to three races of <i>Pseudomonas syringae</i> pv. <i>Pisi</i> ," <i>Phytopathology</i> 74: 1312-1314
RK	HS	-	Hakamatsuka, et al. 1991. "P-450-dependent oxidative rearrangement in isoflavone biosynthesis: reconstitution of P-450 and NADPH:P450 reductase", <i>Tetrahedron</i> 47: 5969-5978
RK	HT	-	Hakamatsuka, et al. 1998. "Purification of 2-hydroxyisoflavanone dehydratase from the cell cultures of <i>Pueraria lobata</i> ," <i>Phytochemistry</i> 49: 497-505

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RK	IR			He, et al. 1998. "Stress responses in alfalfa (<i>Medicago sativa</i> L.) XXII. cDNA cloning and characterization of an elicitor-inducible isoflavone 7-O-methyltransferase." <i>Plant Mol Biol</i> 36: 43-54			
RK	IS			He, X-Z and R.A. Dixon. 1996. "Affinity chromatography, substrate/product specificity and amino acid sequence analysis of an isoflavone O-methyltransferase from alfalfa (<i>Medicago sativa</i> L.)," <i>Arch Biochem Biophys</i> 336: 121-129			
RK	IT			Higgins, V.J. 1972. "Role of the phytoalexin medicarpin in three leaf spot diseases of alfalfa," <i>Physiol Plant Pathol</i> 2: 289-300			
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(Including Author, Title, Date, Pertinent Pages, Etc.).							
RK	JR	-	Horsch, B. et al. 1985. "A simple and general method for transferring genes into plants," <i>Science</i> 227: 1229-1231				
RK	JS	-	Ibrahim, et al. 1987. "Enzymology and compartmentation of polymethylated flavonol glucosides in <i>Chrysosplenium americanum</i> ," <i>Phytochemistry</i> 26: 1237-1245				
RK	JT	-	Ibrahim, et al. 1998. "Plant O-methyltransferases: molecular analysis, common signature and classification," <i>Plant Mol Biol</i> 36: 1-10				
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RK	KR	-	Ingham, et al. 1983. "Fungitoxic isoflavones from <i>Lupinus albus</i> and other <i>Lupinus</i> species," <i>Zeitschrift für Naturforschung</i> , C 38: 194-200									
RK	KS	-	Joshi, C.P. and V.L. Chiang. 1998. "Conserved sequence motifs in plant S-adenosyl-L-methionine-dependent methyltransferases," <i>Plant Mol Biol</i> 37: 663-674									
RK	KT	-	Jung, et al. 2000. "Identification and expression of isoflavone synthase: the key enzyme for biosynthesis of isoflavones in legumes," <i>Nature Biotechnology</i> 18:208-212									
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RK	LR	Kessmann, et al. 1990. "Stress responses in alfalfa (<i>Medicago sativa</i> L.) III. Induction of medicarpin and cytochrome P450 enzyme activities in elicitor-treated cell suspension cultures and protoplasts," <i>Plant Cell Rep</i> 9: 38-41					
RK	LS	Kistler, H.C. and H.D. VanEtten. 1984. "Regulation of pisatin demethylation in <i>Nectria haematococca</i> and its influence on pisatin tolerance and virulence," <i>J Gen Micro</i> 130: 2605-2613					
RK	LT	Klein, et al. 1988. "Stable genetic transformation of intact <i>Nicotiana</i> cells by the particle bombardment process," <i>Proc Natl Acad Sci USA</i> 85: 8502-8505					
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RK	MR	-	Kochs, G. and H. Grisebach. 1986. "Enzymic synthesis of isoflavones," <i>Eur J Biochem</i> 155: 311-318									
RK	MS	-	Lamb, et al. 1992. "Emerging strategies for enhancing crop resistance to microbial pathogens," <i>Bio/technology</i> 10: 1436-1445									
RK	MT	-	Lee, et al. 1991. "Dietary effects on breast-cancer risk in Singapore," <i>Lancet</i> 337: 1197-1200									
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	NM						
	NN						
	NO						
	NP						
(Including Author, Title, Date, Pertinent Pages, Etc.).							
RK	NR	Li, et al. 2000. "5-Hydroxyconiferyl aldehyde modulates enzymatic methylation for syringyl monolignol formation, a new view of monolignol biosynthesis in angiosperms," <i>J Biol Chem</i> 275: 6537-6545					
RK	NS	Long, et. al. 1985. "Further studies on the relationship between glyceollin accumulation and the resistance of soybean leaves to <i>Pseudomonas syringae</i> pv. <i>Glycinea</i> ," <i>Phytopathology</i> 75: 235-239					
RK	NT	Matzke, M.A. and A.J. M. Matzke. 1995. "How and why do plants inactivate homologous (trans)genes?" <i>Plant Physiol</i> 107: 679-685					
EXAMINER		Rumell Kallig		DATE CONSIDERED		1/20/2004	
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APPLICANT

RICHARD A. DIXON, ET AL.

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May 15, 2000

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U.S. PATENT DOCUMENTS

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(Including Author, Title, Date, Pertinent Pages, Etc.)

BK	OR	Moesta, P. and H. Grisebach. 1982. "L-2-Aminooxy-3-phenylpropionic acid inhibits phytoalexin accumulation in soybean with concomitant loss of resistance against <i>Phytophthora megasperma</i> f. sp. <i>Glycinea</i> ," <i>Physiol Plant</i>
		<i>Pathol</i> 21: 65-70
BK	OS	Murashige, T. and Skoog, F. 1962. "A revised media for rapid growth and bioassay with tobacco tissue culture,"
		<i>Physiol Plant</i> 15:473-497
BK	OT	Paiva, et al. 1994. "Regulation of isoflavonoid metabolism in alfalfa," <i>Plant Cell, Tissue and Organ Cult</i>
		38: 213-220

EXAMINER

Russell Kalls

DATE CONSIDERED

1/20/2004

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(Including Author, Title, Date, Pertinent Pages, Etc.).										
RK	PR	-	Rahe, J.E. 1973. "Occurrence and levels of the phytoalexin phaseollin in relation to delimitation at sites of infection of <i>Phaseolus vulgaris</i> by <i>Colletotrichum lindemuthianum</i> ," <i>Can J Botany</i> 51: 2423-2430							
RK	PS	-	Restrepo, et al. 1990. "Nuclear transport of plant polyviral proteins," <i>Plant Cell</i> 2: 987-998							
RK	PT	-	Sambrook, et al. 1989. <i>Molecular Cloning. A Laboratory Manual</i> (2nd Ed), Cold Spring Harbor Laboratory Press, New York; pp. 1.53-1.110							
EXAMINER		Amell Kallu		DATE CONSIDERED		1/20/2004				
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	QM							
	QN							
	QO							
	QP							
(Including Author, Title, Date, Pertinent Pages, Etc.).								
RK	QR	-	Shorosh, et al. 1994. "Molecular cloning, characterization and elicitation of acetyl-CoA carboxylase in alfalfa," <i>Proc Natl Acad Sci USA</i> 91:4323-4327					
RK	QS	-	Shutt, D.A. 1976. "The effects of plant oestrogens on animal reproduction," <i>Endeavour</i> 75: 110-113					
RK	QT	-	Steele et al. 1999. "Molecular characterization of the enzyme catalyzing the aryl migration reaction of isoflavonoid biosynthesis in soybean," <i>Arch Biochem Biophys</i> 367: 146-150					
EXAMINER		Russell Kallis		DATE CONSIDERED		1/20/2004		
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	RP						
(Including Author, Title, Date, Pertinent Pages, Etc.).							
RK	RR	-	Sumner, et al. 1996. "High-performance liquid chromatography/continuous-flow liquid secondary ion mass spectrometry of flavonoid glucosides in leguminous plant extracts," <i>J Mass Spectrom</i> 31: 472-485				
RK	RS	✓	Thomas, et al. 1990. "Selection of interspecific somatic hybrids of <i>Medicago</i> by using <i>Agrobacterium</i> - transformed tissue," <i>Plant Sci</i> 69: 189-198				
RK	RT	•	VanEtten, et al. 1994. "Two classes of plant antibiotics: phytoalexins versus phytoanticipins," <i>The Plant Cell</i> 6:1191-1192				
EXAMINER		Russell Kallen		DATE CONSIDERED		1/20/2004	
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	SN									
	SO									
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(Including Author, Title, Date, Pertinent Pages, Etc.).										
RK	SR	-	Wong, E. and C.M. Francis. 1968. "Flavonoids in genotypes of <i>Trifolium subterraneum</i> -II. Mutants of the Geraldton variety," <i>Phytochemistry</i> 7: 2131-2137							
RK	SS	-	Yanagihara, et al. 1993. "Antiproliferative effects of isoflavones on human cancer cell lines established from the gastrointestinal tract," <i>Cancer Res</i> 53: 5815-5821							
RK	ST		Zhou-Jin-Rong, et al. 1998. "Inhibition of murine bladder tumorigenesis by soy isoflavones via alterations in the cell cycle, apoptosis, and angiogenesis," <i>Cancer Res</i> 58: 5231-5238							
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